

Patent Application

G. Claims

1. Subject Matter

Electrical Engineering of the Coil System

The claim of this patent application is that the wave-form and its implementation are the invention of the inventor, whereas, all features of the patent which are not related to the wave-form are public domain knowledge that complement the intention of the wave-form. The wave-form allows for the construction of a successful magnetic bottle, and the wave-form is buildable with sine wave generating circuitry because of the laws of electricity and electromagnetism. The wave-forms are approximated by the Fourier series to two hundred terms of the series, thus two hundred sine wave generators per wave-form, and then applied to the coils of the electromagnets to produce the desired field that creates the pinch effect on the hydrogen ions. The claim of the inventor is that this electromagnetic configuration is unique compared to all configurations that others have tried so far. Furthermore, the inventor claims that the physical dimensions of the electromagnets are variable because the current input can be increased until the pinch effect occurs after the other dimensions of the system have been given arbitrary or derived values, the only limiting criteria being how much energy does the designer want to produce. The claim is that the topology of the wires is an invention of the inventor, and that this topology is the factor that produces a successful design of a fusion reactor.

3. Drawings (Have already been sent, and have not been since asked for again)